

PTO/SB/08 (08-03)

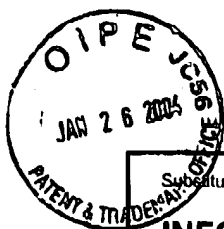
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	09/574,692		
		Filing Date	May 17, 2000		
		First Named Inventor	Wagner		
		Art Unit	1641		
		Examiner Name	Christopher L. Chin		
Sheet	1	of	3	Attorney Docket Number	020144-001930US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
u	AA	US-4,071,409	01-31-1978	Messing et al.	
	AB	US-4,722,896	02-02-1988	Kadish et al.	
	AC	US-5,096,807	03-17-1992	Leaback	
	AD	US-5,296,114	03-22-1994	Manz	
	AE	US-5,304,487	04-19-1994	Wilding et al.	
	AF	US-5,441,876	08-15-1995	Singh	
	AG	US-5,700,643	12-23-1997	Monforte et al.	
	AH	US-5,726,026	03-10-1998	Wilding et al.	
	AI	US-5,766,908	06-19-1998	Klein et al.	
	AJ	US-5,837,832	11-17-1998	Chee et al.	
	AK	US-5,843,767	12-01-1998	Beattie	
	AL	US-5,858,188	01-12-1999	Soane et al.	
	AM	US-5,861,242	01-19-1999	Chee et al.	
	AN	US-5,866,345	02-02-1999	Wilding et al.	
	AO	US-5,919,523	07-06-1999	Sundberg et al.	
	AP	US-5,925,552	07-20-1999	Keogh et al.	
	AQ	US-5,928,880	07-27-1999	Wilding et al.	
	AR	US-5,942,443	08-24-1999	Parce et al.	
	AS	US-5,424,186	06-13-1995	Fodor et al.	
v	AT	US-5,665,582	09-09-1997	Kausch, et al.	
	AU	US-5,700,642	12-23-1997	Monforte et al.	
	AV	US-5,851,840	12-22-1998	Stuka et al.	
	AW	US-6,066,448	05-23-2000	Wohlstadter, et al.	
	AX	US-6,090,545	07-18-2000	Wohlstadter, et al.	
	AY	US-6,140,045	10-31-2000	Wohlstadter, et al.	
	AZ	US-6,197,599 B1	03-06-2001	Chin, et al.	
	BA	US-6,329,209 B1	12-11-2001	Wagner et al.	
	BB	US-6,365,418 B1	04-02-2002	Wagner et al.	
	BC	US-6,406,840	06-18-2002	Li et al.	
u	BD	US-6,406,921 B1	06-18-2002	Wagner et al.	
	BE	US-6,454,924 B2	09-24-2002	Jedrzejewski et al.	
	BF	US-6,475,808 B1	11-05-2002	Wagner et al.	
	BG	US-6,475,809 B1	11-05-2002	Wagner et al.	
	BH	US-6,576,478 B1	06-10-2003	Wagner et al.	
	BI	US-6,582,969 B1	06-24-2003	Wagner et al.	
	BJ	US-6,596,545 B1	07-22-2003	Wagner et al.	
	BK	US-6,630,356 B1	10-07-2003	Wagner et al.	

Examiner Signature	C. Chin	Date Considered	5/15/04
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
u	BL	WO	99/40434		08-12-1999	Nasoff, et al.		<input type="checkbox"/>
↓	BM	WO	00/52209		09-08-2000	Fantl, et al.		<input type="checkbox"/>
	BN	WO	00/53625		09-14-2000	Montgomery, et al.		<input type="checkbox"/>
	BO	WO	00/54046		09-14-2000	Ge		<input type="checkbox"/>
↓	BP	JP	2272081	/	11-06-1990	Fuji Photo Film Co Ltd		<input type="checkbox"/>
u	BQ	WO	98/39481	/	09-11-1998	Rogers, et al.		<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
u	BR	Cha et al. Expression of fused protein, human interleukin-2 and green fluorescent protein, in insect larvae. Annual Meeting of The American Institute of Chemical Engineers, Los Angeles, CA, Nov. 1997.*	
	BS	Colliod et al. "Oriented and covalent immobilization of target molecules to solid supports" Synthesis and application of a light-activatable and thiol-reactive cross-linking reagent Bioconjugate Chem. 4:528-536 (1993).	
	BT	Dzгоеv et al "Microformat imaging ELISA for pesticide determination" Anal. Chem. 68(19):3384 (1996).	
	BU	Elkins "Ligand assays" from electrophoresis to miniaturized microarrays Clin. Chem. 44(9):2015-2030 (1998).	
	BV	Elkins et al. "Multianalyte microspot immunoassay-microanalytical "compact disk" of the future" Clin. Chem. 37(11):1955-1967 (1991).	
	BW	Jacobson et al. "Fused quartz substrates for microchip electrophoresis" Anal. Chem. 67:2059-2063.	
	BX	Jones et al. "Microminaturized immunoassays using atomic force microscopy and compositionally patterned antigen arrays" Anal. Chem. 70(7):1223-1241 (1998).	
	BY	Kemeny. Enzyme-linked immunoassays. In Immuno-Chemistry 1 (eds Johnstone and Turner). pp. 147-175, Nov. 1997.*	
	BZ	Kricka "Miniaturization of analytical systems" Clin. Chem. 44(9):2008-2014 (1998).	
u	CA	Marks et al. "By-passing immunization- Human antibodies from V-gene libraries displayed on phage" J. Mol. Biol. 222:581-597 (1991).	

Examiner Signature	C. Chin	Date Considered	5/15/04
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u	CB	Martynova et al. "Fabricating of plastic microfluid channels by imprinting methods" Anal. Chem. 69:4783-4789 (1997).	
	CC	Mauracher et al. Reduction of rubella ELISA background using heat denatured sample buffer. J. Immunol. Methods. 145:251-254, 1991.*	
	CD	Pale-Grosdamange et al. (1991). Formation of self-assembled monolayers by chemisorption of derivatives of oligo(ethylene glycol) of structure HS(CH <sub>2</sub> ) <sub>11</sub> (OCH <sub>2</sub> CH <sub>2</sub> )mOH on gold. J. Am. Chem. Soc. 113(1):12-20.*	
	CE	Rowe et al. "Array biosensor for simultaneous identification of bacterial, viral and protein analytes" Anal. Chem. 71(17):3846-3852 (1999).	
	CF	Sigal et al. "A self-assembled monolayer for the binding and study of histidine-tagged proteins by surface plasmon resonance" Anal. Chem. 68:490-497 (1996).	
	CG	Sizel et al. "Mass-sensing, multianalyte microarray immunoassay with imaging detection" Clin. Chem. 44(9):2036-2043 (1998).	
u	CH	Pham, et al. "Human Interleukin-2 Production in Insect ( <i>Trichoplusia ni</i> ) Larvae: Effects and Partial Control of Proteolysis", Biotechnology and Bioengineering vol. 62(2) pp. 175-182; Jan. 20, 1999.	

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